

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Markus ZUMKELLER et al.
 U.S. Serial No.: Filed Concurrently Herewith
 Title of Invention: AM RECEIVER


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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
 Box Patent Application (35 U.S.C. 111)
 Washington, D.C. 20231

Sir:

Before the issuance of the first Office Action, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 5-8 and 11 as follows:

5. (Amended) AM receiver according to claim 1, characterized in that it is a digital shortwave receiver, in particular a Digital Radio Mondial receiver.

6. (Amended) AM receiver according to claim 1, characterized in that said at least one IF filter is an analogue filter.
7. (Amended) AM receiver according to claim 1, characterized in that said fixed IF bandwidth is 20 kHz.
8. (Amended) AM receiver according to claim 1, characterized in that said unwanted signal part (31b) is detected by analyzing the power of FFT carriers outside the wanted signal part (30), BER fine tuning in a digital baseband processing or during optimization of an Automatic Gain Control voltage.
11. (Amended) Method according to claim 9, characterized in that it is used for digital shortwave reception, in particular Digital Radio Mondial reception.

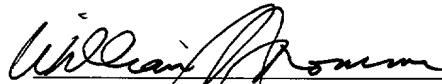
REMARKS

Claims 1-11 remain in the application. Claims 5-8 and 11 have been amended to eliminate multiple dependencies. Attached hereto is a marked up version of the changes made to claims 5-8 and 11 by the current amendment. The attached page is captioned "**Version with markings to show changes made.**" The filing fee has been calculated based upon these amendments to the claims.

Respectfully submitted,

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By:



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VERSION WITH MARKINGS TO SHOW CHANGES MADE**In the claims:**

5. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that it is a digital shortwave receiver, in particular a Digital Radio Mondial receiver.
6. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said at least one IF filter is an analogue filter.
7. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said fixed IF ~~bandwidth~~ bandwidth is 20 kHz.
8. (Amended) AM receiver according to ~~anyone of the preceding claims~~ claim 1, characterized in that said unwanted signal part (31b) is detected by analyzing the power of FFT carriers outside the wanted signal part (30), BER fine tuning in a digital baseband processing or during optimization of an Automatic Gain Control voltage.
11. (Amended) Method according to claim 9 ~~or 10~~, characterized in that it is used for digital shortwave reception, in particular Digital Radio Mondial reception.